

## EXECUTIVE SUMMARY

Birmingham Bolt Steel Company, ILD980996862, L0910150004, manufactures smooth rounds and No. 4 to No. 11 reinforcing rods from steel scrap. Total annual production is approximately 100,000 tons.

Since 1981, the company has stored baghouse dust in on-site waste piles. Storage is above grade using a large pile of soil into which cells have been excavated. The dust is captured in a 20 yard roll-off box at the baghouse and transported by Kankakee Industrial Disposal to the storage area.

Three ponds exist on-site, they contain cooling water with oil and are regulated under a NPDES Permit, the oil is separated and collected. Two electric arc furnaces have been operated on-site, numerous complaints about emissions have been received and investigated by the Division of Air Pollution Control; furnace was put out of service in July, 1983 for an indefinite period because of noncompliance.

A closure plan for the closing of the K061 waste cells was prepared by Environmental and Safety Designs, Inc. of Memphis, Tennessee. The closure plan was approved by this Agency (IEPA). The K061 cells went through a complete closure and final approval was given by the inspection done by Chuck Gruntman, Northern Region.

Birmingham Bolt purchased this property from Kankakee Steel in 1981. A manifest file search was conducted and Kankakee Steel did not ship any of their baghouse dust (K061) off-site. The possibility of on-site burial is very high.

The facility is now considered a generator. A medium priority is assigned and an inspection should be done to insure compliance.

KP:jp:4/2

EPA Region 5 Records Ctr.

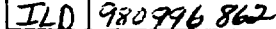


296169

OK to inspect per  
5/21/86  
Part A withdrawal  
candidate  
(4)  
RCRA  
Kew  
1/23/86 Part 40 (expiring)  
we do go.

5/21/86  
g/c

EPA L0910150004		POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION 01 STATE 02 SITE NUMBER ILD 980996862	
<b>II. SITE NAME AND LOCATION</b>					
01 SITE NAME (Legal, common, or descriptive name of site) Birmingham Bolt		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Rt. 50 and McKnight Road			
03 CITY Bourbannaiss		04 STATE 05 ZIP CODE IL 60914		06 COUNTY Kankakee	
07 COUNTY CODE 091		08 CONG DIST 15			
09 COORDINATES LATITUDE 41 1000.0		LONGITUDE 089 3220.0		BRADLEY, IL 7.5' QUAD (84A)	
10 DIRECTIONS TO SITE (Starting from nearest public road)					
<b>III. RESPONSIBLE PARTIES</b>					
01 OWNER (If known) Alabama Birmingham Bolt Co.		02 STREET (Business, mailing, residential) P.O. Box 1208			
03 CITY Birmingham		04 STATE 05 ZIP CODE AL 35201		06 TELEPHONE NUMBER 205 871 9290	
07 OPERATOR (If known and different from owner) Birmingham Bolt Steel Co., IL Div.		08 STREET (Business, mailing, residential) P.O. Box 628			
09 CITY Kankakee		10 STATE 11 ZIP CODE IL 60901		12 TELEPHONE NUMBER 815 937 3131	
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE					
<b>IV. CHARACTERIZATION OF POTENTIAL HAZARD</b>					
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 07.13.84 <input type="checkbox"/> NO MONTH DAY YEAR 11-07-85		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1980 Present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Heavy Metals, (Cadmium, Lead) → K061 / Toxic D006 D008					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION groundwater (population / environment)					
<b>V. PRIORITY ASSESSMENT</b>					
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)					
<b>VI. INFORMATION AVAILABLE FROM</b>					
01 CONTACT MR. EUGENE SAATOR		02 OF (Agency/Organization) General Manager		03 TELEPHONE NUMBER 815 937 3131	
04 PERSON RESPONSIBLE FOR ASSESSMENT Kenneth L. Page		05 AGENCY IEPA		06 ORGANIZATION RPMS	
		07 TELEPHONE NUMBER 217 782 6761		08 DATE 09.17.86 MONTH DAY YEAR	



I HIGHLY VOLATILE  
J EXPLOSIVE  
K REACTIVE  
L INCOMPATIBLE  
M NOT APPLICABLE

## EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
ILD 980 996 862

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: 4,000

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Percolation of wastes into groundwater from past practices of burying K061 wastes on site

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED \_\_\_\_\_ (Acres)

02 ☒ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

On-site Burial of K061 Wastes. Burial Sites went through a complete closure plan.

01 ☐ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED 4,000

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

"A" above

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL0 980996862

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Soils, runoff, standing liquids, leaking drums)  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

Burying K061 wastes on site.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

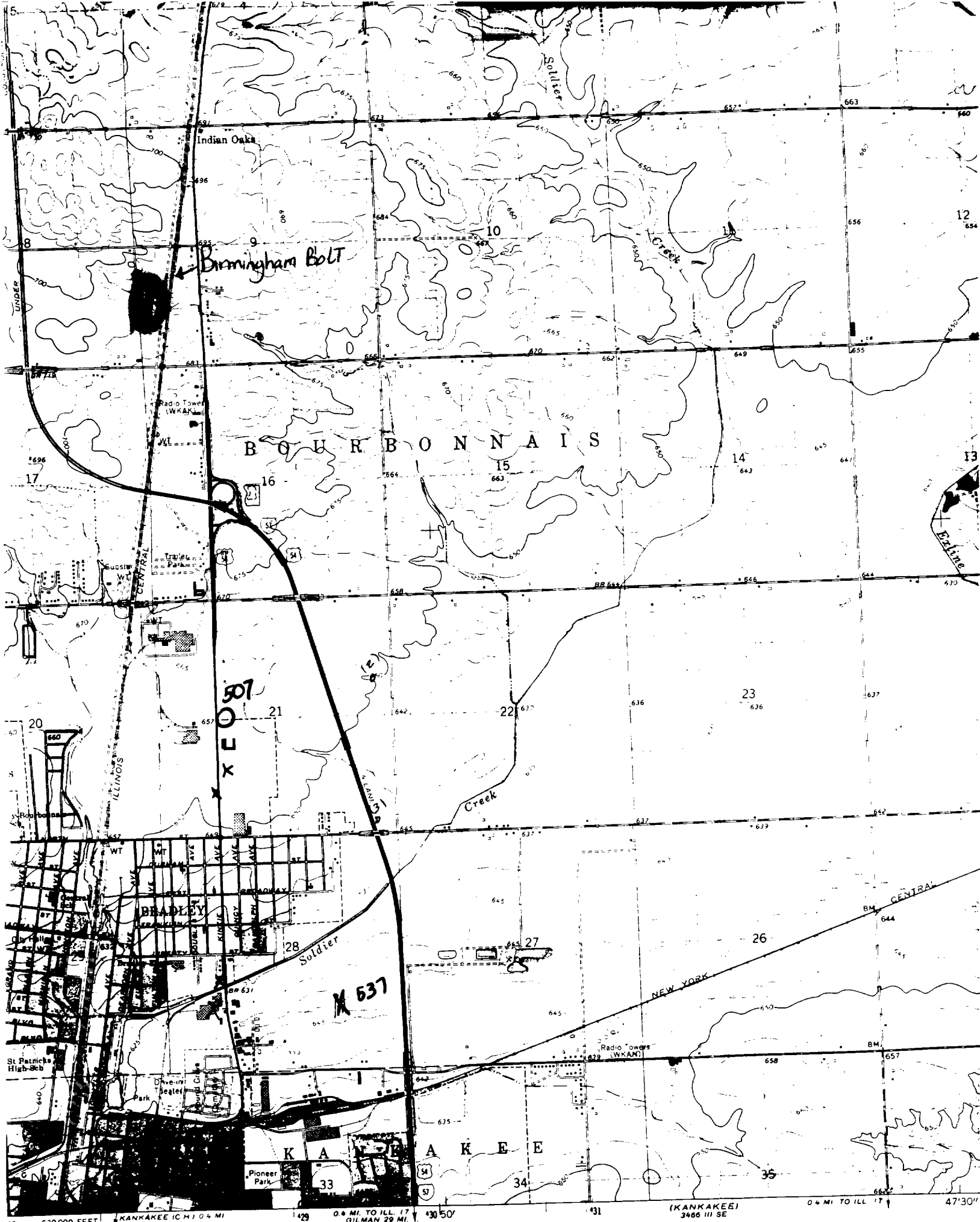
III. TOTAL POPULATION POTENTIALLY AFFECTED: 4000

IV. COMMENTS

Facility went through a closure plan and removed the K061 waste from the burial pits. Closed a covered properly. No longer burying K061 on-site.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA Division File - LAND



ed, and published by the Geological Survey  
and USC&GS

SCALE 1:24,000  
0 1000 2000 3000 4000 5000 6000 7000 FEET  
1 MILE



**POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION  
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION**

**I. IDENTIFICATION**

01 STATE 02 SITE NUMBER

**II. PERMIT INFORMATION**

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input checked="" type="checkbox"/> A NPDES	IL0035297	1/9/84	12/1/88	
<input type="checkbox"/> B UIC				
<input checked="" type="checkbox"/> C AIR Arc Furnaces	091801AAA	2/25/87	12/31/87	
<input checked="" type="checkbox"/> D RCRA Waste Stream	091801AAA	12/1/82	11/12/83	
<input type="checkbox"/> E RCRA INTERIM STATUS				
<input type="checkbox"/> F SPCC PLAN				
<input type="checkbox"/> G STATE (Specify)				
<input type="checkbox"/> H LOCAL (Specify)				
<input checked="" type="checkbox"/> I OTHER Construction	091801AAA	2/3/87	N/A	To construct Aux. baghouse
<input type="checkbox"/> J NONE				

**III. SITE DESCRIPTION**

01 STORAGE DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A SURFACE IMPOUNDMENT	N/A		<input checked="" type="checkbox"/> A INCINERATION	<input type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B PILES	N/A		<input checked="" type="checkbox"/> B UNDERGROUND INJECTION	N/A
<input type="checkbox"/> C DRUMS, ABOVE GROUND	N/A		<input checked="" type="checkbox"/> C. CHEMICAL/PHYSICAL	06 AREA OF SITE
<input type="checkbox"/> D TANK, ABOVE GROUND	N/A		<input checked="" type="checkbox"/> D BIOLOGICAL	59.12
<input type="checkbox"/> E TANK, BELOW GROUND	N/A		<input checked="" type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F LANDFILL	N/A		<input checked="" type="checkbox"/> F SOLVENT RECOVERY	
<input type="checkbox"/> G LANDFARM	N/A		<input checked="" type="checkbox"/> G OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H OPEN DUMP	N/A		<input type="checkbox"/> H OTHER (Specify)	
<input type="checkbox"/> I OTHER (Specify)	N/A			

**07 COMMENTS**

Disposes of K061 waste through BFI/ECOS International  
BFI/IL permitted landfill. BFI is the permitted transporter.  
Stream permitted by IL EPA.

**IV. CONTAINMENT**

01 CONTAINMENT OF WASTES (Check one)	<input type="checkbox"/> A. ADEQUATE, SECURE	<input type="checkbox"/> B. MODERATE	<input type="checkbox"/> C. INADEQUATE, POOR	<input type="checkbox"/> D. INSECURE, UNSOUND, DANGEROUS
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**02 DESCRIPTION OF DRUMS, DUKING, LINERS, BARRIERS, ETC****V. ACCESSIBILITY**

01 WASTE EASILY ACCESSIBLE ☐ YES ☐ NO  
02 COMMENTS

**VI. SOURCES OF INFORMATION (Check all that apply)**



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 8 - GENERATOR/TRANSPORTER INFORMATION

## I. IDENTIFICATION

01 STATE 02 SITE NUMBER

## II. ON-SITE GENERATOR

01 NAME <i>Birmingham Bolt Company, Inc.</i>	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD, etc.) <i>RR 1 MS Knight Rd Box 164</i>	04 SIC CODE
05 CITY <i>Bourbonnais</i>	06 STATE 07 ZIP CODE <i>IL 60914</i>

## III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

## IV. TRANSPORTER(S)

01 NAME <i>BFI/Landermolen</i>	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD, etc.) <i>9th &amp; Green Bay Road</i>	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
05 CITY <i>Zion</i>	06 STATE 07 ZIP CODE <i>IL 60099</i>	05 CITY	06 STATE 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD, etc.)	04 SIC CODE
05 CITY	06 STATE 07 ZIP CODE	05 CITY	06 STATE 07 ZIP CODE

## V. SOURCES OF INFORMATION

(See specific references: e.g., state files, sample analysis, reports)